

## AMENDMENTS TO THE SPECIFICATION:

Please add the following *new* paragraph on page 1, between lines 2 and 3:

### CROSS-REFERENCE TO RELATED APPLICATIONS

This U.S. National stage application claims priority under 35 U.S.C. §119(a) to Japanese Patent Application No. 2004-105173, filed in Japan on March 31, 2004, the entire contents of which are hereby incorporated herein by reference.

Please replace the paragraph beginning at page 1, line 9 with the following rewritten version:

Conventionally, air conditioners that cool and dehumidify the room are known (for example, see ~~Patent Document 1~~ International Publication WO 03/029728). This type of air conditioner comprises a vapor compression refrigerant circuit having an outdoor heat exchanger as a heat source side heat exchanger and an indoor heat exchanger as an air heat exchanger, and a refrigerant is circulated in this refrigerant circuit to operate a refrigeration cycle. This air conditioner dehumidifies the room by setting the evaporation temperature of the refrigerant in the indoor heat exchanger lower than the dew point temperature of the room air and thus condensing moisture in the room air.

Please replace the paragraph beginning at page 1, line 17 with the following rewritten version:

Also, dehumidifiers comprising a heat exchanger provided with an adsorbent on the surface thereof are also known (for example, see ~~Patent Document 2~~ Japanese Patent Application Publication No. 07-265649). This type of dehumidifier comprises two heat exchangers each provided with an adsorbent. An adsorption process in which moisture in the air is adsorbed so as to dehumidify the air is performed in one of the two heat exchangers, while a regeneration process in which the moisture adsorbed is desorbed is performed in the

other one of the two heat exchangers. During these processes, water that is cooled by a cooling tower is supplied to one heat exchanger that adsorbs the moisture, while heated wastewater is supplied to the other heat exchanger that regenerates water. Further, this dehumidifier is configured to supply the room with air that is dehumidified through the adsorption process and the regeneration process.

Please remove the paragraph at page 1, line 28 as follows:

~~————<Patent Document 1>~~  
~~————International Publication WO 03/029728~~  
~~————<Patent Document 2>~~  
~~————Japanese Patent Application Publication No. 07-265649~~

Please replace the heading at page 1, line 32, with the following rewritten version:

SUMMARY OF THE INVENTION ~~DISCLOSURE OF THE INVENTION~~

Please remove the paragraph at page 22, line 13, as follows:

~~DESCRIPTION OF THE REFERENCE NUMERALS~~

~~1, 101, 201, 301, 401, 501, 601, 701, 801~~  
~~————air conditioning system~~  
~~22, 23, 32, 33, 122, 123, 132, 133, 322, 323, 332, 333, 522, 523, 532, 533, 722, 723, 732, 733, 922, 923, 932, 933~~  
~~————adsorbent heat exchangers~~  
~~10a, 10b, 110a, 110b, 210a, 210b, 310a, 310b, 410a, 410b, 510a, 510b, 610a, 610b, 710a, 710b, 910a, 910b~~  
~~————latent heat utilization side refrigerant circuits (first utilization side refrigerant circuits)~~  
~~42, 52, 142, 152, 242, 252, 342, 352, 442, 452, 542, 552, 642, 652, 742, 752, 1022, 1032~~  
~~————air heat exchanger~~

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~~10e, 10d, 110e, 110d, 210e, 210d, 310e, 310d, 410e, 410d, 510e, 510d, 610e, 610d, 710e,  
710d, 1010a, 1010b~~

~~——sensible heat utilization side refrigerant circuits (second utilization side refrigerant  
circuits)~~

Please add the following new heading at page 110, between line 1 and 2:

WHAT IS CLAIMED IS: